



**Rule 21 Working Group Four: Meeting Notes, 6/2/2020**

**Meeting Agenda**

<b>Time</b>	<b>Duration</b>	<b>Item</b>
10:00 - 10:15	15 min	Introduction, agenda, regulatory updates
10:15 – 10:30	15 min	Remaining Working Group schedule for issue write-ups and Final Report review
10:30 - 11:00	30 min	Issue 18 Anti-islanding <ul style="list-style-type: none"> <li>● Review write-up “v1” including changes made to proposals since last discussion</li> <li>● Identify any items for parties to consult on during comment period for “v1”</li> </ul>
11:00 – 12:15	75 min	Issue 19 ZNE new construction <ul style="list-style-type: none"> <li>● Party comments on write-up "v2"</li> <li>● Resolve remaining items in draft “v2” and from comments</li> <li>● Clear about what revisions will be made for “v3</li> </ul>
12:15 – 1:30	75 min	Lunch
1:30 - 1:45	15 min	Issue 29 Forum for safety standards <ul style="list-style-type: none"> <li>● Party comments on write-up “v1”</li> </ul>
1:45 - 3:30	105 min	Issue F DERMS <ul style="list-style-type: none"> <li>● IOU answers to PAO questions and PAO follow-up</li> <li>● Continued discussion of PAO and CALSSA proposals prior to finalizing by 6/5</li> <li>● Any further discussion needed about scope of PAO proposal</li> </ul>



# GRIDWORKS

## Action Items

<b>Issue F</b>	6/5 CALSSA and The Public Advocate's Office to submit final proposals  6/8 Gridworks to issue "v1" write-up for two-week comment period
<b>Issue 19 ZNE new construction</b>	6/5 PG&E and SCE to provide brief summaries of their processes for multiple submissions (single/batch)  6/5 Clean coalition to provide further text for Proposal 19d on SLD in relation to microgrid proceeding  6/8 Gridworks to issue "v3" write-up (not for comments)
<b>Issue 18 Anti-islanding</b>	6/12 parties to comment on "v1" write-up
<b>Issue 29 Forum on safety standards</b>	6/8 SCE to provide comments on "v1" write-up  6/8 Gridworks to issue "v2" write-up for one-week comment period (if no issues needing discussion)
<b>General</b>	6/16 Working Group 2-hour call (discuss comments on Issue 18 "v1" write-up)  6/16 Gridworks and Working Group to schedule calls for July needed for Final Report review  6/30 Working Group 2-hour call (discuss comments on Issue 18 "v2" and review of Issue F "v2")



## Meeting Notes

### 1. 10:00-10:15 Introduction, agenda, regulatory updates

- **Tam Hunt:** [SCE on interconnection portal feature](#) updates
- **CALSSA (Brad Heavener):** IEEE 1547 is published now
  - *“Following the **publication** of the IEEE 1547.1 test procedures, PG&E, SCE, and SDG&E are ordered to work with the Smart Inverter Working Group to incorporate the new procedures, as appropriate, into the testing regime for the Phase 2 and 3 requirements. Within 9 months of the publication of IEEE 1547.1, PG&E, SCE, and SDG&E must submit separate Tier 2 Advice Letters (ALs) proposing the new testing regime...”*
  - *“PG&E, SCE, and SDG&E shall, within 90 days of the publication of IEEE 1547.1, begin meeting with the SIWG and other interested parties, in order to address cybersecurity concerns raised by the Phase 2 communications requirements and develop a pathway forward.”*

### 2. 10:15-10:30 Remaining Working Group schedule for issue write-ups and Final Report review

- [R21 updated schedule 5.25](#) presented by Eric Martinot (Gridworks)
- No objection/comments by the working group so the new schedule will be followed.

### 3. 10:30-11:00 Issue 18 Anti-islanding

- **Review write-up “v1” including changes made to proposals since last discussion**
- **Identify any items for parties to consult on during comment period for “v1”**
  
- Eric Martinot presented [R21 Issue18 issue write-up v1 5.29](#)
- CALSSA (Brad Heavener) discussed [R21 Issue18 CALSSA final proposal 5.26](#)
  - Only some language cleanup based on recent discussions and no substantial changes have made
  - Mike Jensen (PG&E) Will respond to the questions raised by CALSSA (Brad Heavner) on PG&E proposal (questions on the difference between 4b and 7, 70% ratio and hourly data- applied to generator to load ratio)
    - Mike will discuss internally and response this week
- Mike Jensen has presented [R21 Issue18 PG&E final proposal 5.26](#)
  - Nothing major has changed, some editorial tweaks are made.



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- Suggest discussing offline if needed by other proponents.
- Clarification on 18c
  - Regarding version 1, a fair number of proposals will be supported by PG&E. the background and some of the wording from CALSSA and IREC (add PG&E position has to put in the background to have balance)
- [R21 Issue18 BAC final proposal 5.26](#)
- Sky Stanfield presented [R21 Issue18 IREC final proposal 5.26](#)
  - No changes after the previous round

#### 4. 11:00-12:15 Issue 19 ZNE new construction

- Party comments on write-up "v2"
- Resolve remaining items in draft "v2" and from comments
- Clear about what revisions will be made for "v3"
  
- Gridworks (Eric Martinot) presented a summary of [R21 Issue19 issue write-up v2 5.25](#)
- Some related documents discussed in the meeting by IOUs and issue proponents are given below.
  - [R21 Issue19 SCE Comments on write-up v2 6.1](#)
  - [R21 Issue19 SDGE Comments on write-up v2 6.1](#)
  - [R21 Issue19 PG&E Comments on issue write-up v2 6.1](#)
  - [R21 Issue19 CC comment & edits on Issue write-up v2.6.1](#)
    - No duplication in case it is covered in microgrid proceedings (Reference: Annex A)
    - Danielle: Single line diagram is not just for microgrids but for overall resilience plan.
    - SCE (Roger Salasr) and Clean Coalition (Sahm White) to have offline discussion on issue 19.
  - [R21 Issue19 GPI edits on issue write-up v2 6.1](#)
  - 19e – existing tools for projects under 30KW, develop partially automated tools for projects >30KW.
    - SCE comments on proposal 19e mentioning greater than 30KW,



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- GPI is suggesting extending the interconnection proceeding speed and streamlining beyond 30kw with no technical justifications.
- Existing systems and tools for less than 30KW is based on solid technical justification. Currently There are not any technical processes in place for higher systems.
- WG2 – it changed from 11KW to 30KW and GPI was a part of the working group

### 5. 1:30-1:45 Issue 29 Forum for safety standards

- **Party comments on write-up “v1”**
  - [R21 Issue29 issue write-up v1 5.25](#)
  - Sahm White presented [R21 Issue29 Clean Coalition proposed edits on write-up v1 6.1](#)
  - [R21 Issue 29 SDG&E Comments on write-up v1 6.1](#)
    - PG&E and SDG&E Supported the proposals and few wording changes suggested.

### 6. 1:45-3:30 Issue F DERMS

- CALSSA (Brad Heavener) presented [R21 Issue F CALSSA proposal v5 5.29](#)
- IOU answers to The Public Advocate's Office questions discussed by Thomas Robert.
  - [R21 Issue F PAO proposal 5.01](#)
  - [R21 Issue F PG&E comments on PAO proposal 5.15](#)
  - [R21 Issue F SCE comments on PAO proposal 5.15](#)
  - [R21 Issue F SDG&E comments on PAO proposal 5.15](#)
  - [R21 Issue F PAO follow-up questions 5.19](#)
  - [R21 Issue F PAO presentation 5.05](#)
  - [R21 Issue F SDG&E comments on CALLSA proposal v4 5.27](#)
  - [R21 Issue F PG&E comments on CALSSA proposal 5.18](#)
  - [R21 Issue F SCE comments on CALSSA proposal 5.15](#)
  - [R21 Issue F SDG&E comments on CALLSA proposal v4 5.27](#)



**Meeting total Participants: 50+ participants**

Abtin Mehershahi, CEC	Jeff Healy, SDG&E	Rebecca Davis, GPI
Andy Schwartz, Tesla	Jose Aliaga Caro, CPUC	Rich Scholer, FCA US LLC
Alex Mwaura PG&E	Josh Gerbar, Nuvve	Roger Salasr, SCE
Alex Portilla, PG&E	Katie Wu, Gridworks	Rainier Solanzo, Bloom Energy
Annie Cwikinski, Tesla	Marc Hutton, Public Advocates Office	Robert Roel, SCE
Brad Heavner, CALSSA	Mary Brown, SCE	Sahm White, Clean Coalition
Brian McCollough, CPUC	Matt Gonzales, PG&E	Sara Biyabani, GridComm startup
Catarino Vargas, SDG&E	Max Ernst, PG&E	Sky Stanfield, IREC
Danielle Weizman, SDG&E	Mike Jensen PG&E	Sophie Meyer, CPUC
Gary Holdsworth, SCE	Mike Turner, SDG&E	Steve Sherr, Foundation Windpower
Eric Martinot, Gridworks	Nick Lensen, Bear Peak Energy Consulting	Tam Hunt, GPI
Jason Bobruk, SolarEdge	Patrick Saxton, CPUC	Ted Howard, Small Business Utility Advocate
Jin Noh, CESA	Phouc Tran, PG&E	Tim McDuffie, Smart Grid Solutions
John Berdner, Enphase	Prasanth Gopalakrishman, Applied System Engineering	Trenton Jean, Tesla
Jordan Smith, SCE	Rehana Aziz, Gridworks	